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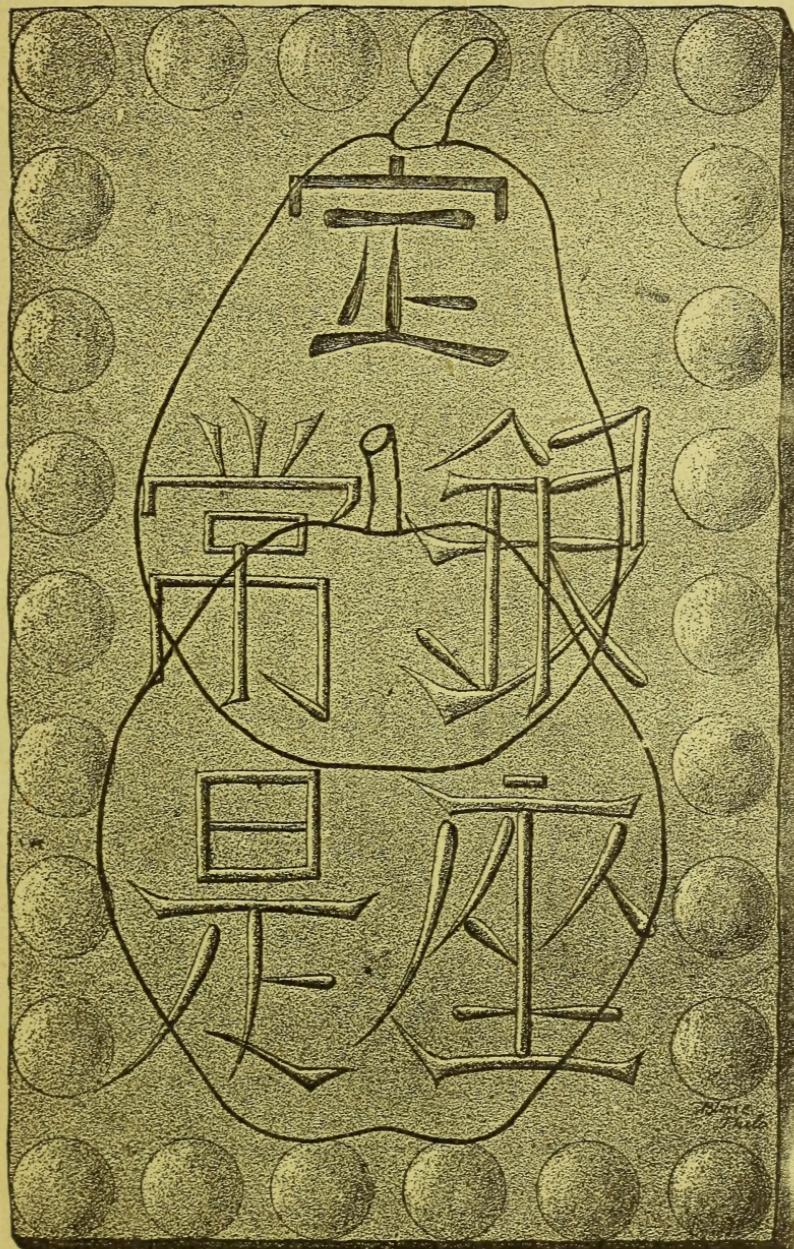
THE PRACTICAL NURSERYMAN

and Horticultural Advertiser.

Vol. 7.

CHICAGO, ILL., APRIL 15, 1899.

No. 4



TO NURSERYMEN, SEEDSMEN AND FLORISTS.

THE PRACTICAL NURSERYMAN
—AND—
HORTICULTURAL ADVERTISER.

W. F. HEIKES, Editor and Manager.
1308-1310 Unity Building, Chicago, Ill.

Issued monthly on the 15th. Sent only to those in the trade. We do not solicit subscriptions. If you value THE PRACTICAL NURSERYMAN, please accept it with our compliments. Our circulation covers a list of over 2,400 selected names of customers and correspondents, made up through many years of active wholesale business. Every name represents a buyer of nursery stock, and this list contains only the names of those who buy at wholesale.

Advertisements 10c. a line agate; \$20.00 a page; one-half page \$10.00; one-fourth page \$5.00. Advertisements must be received one week before the day of publication. Orders for advertising amounting to less than \$5.00 will not be accepted. Discounts: 3 times 5 per cent.; 6 times 10 per cent.; 12 times 25 per cent.

The circulation of this Journal will be confined strictly to Nurserymen, Florists and Seedsmen, and only invited advertisements of articles pertaining, specially to these trades will be inserted.

W. T. HOOD & CO.,
Old Dominion Nurseries,
350 ACRES,
RICHMOND, VA.

Offers to the trade Fall of 1898 as fine a stock as can be grown free from disease, which they are prepared to handle quickly and with the best care.

Apple, Peach, Standard Pear and general line of nursery stock. Japan Pear Stock. Natural Peach Pits, crop 1897.

Wanted to sell to a practical nurseryman, one-third or one-half interest in OLD DOMINION NURSERIES. (8812)

250,000 APPLE TREES

Good assortment, 3 and 4 years old. Finest assortment of Northern varieties.

25,000 Gooseberries, 15,000 Currants, 25,000 Paeonias, eighteen varieties; 300,000 Cottonwood and Maple seedlings.

Write for prices.

MENERAY BROS.,
CRESCENT, IOWA.

MANUFACTURERS and others requiring Stencils, Steel Stamps, etc., write for our new 72-page, Illustrated Catalogue, now ready for mailing.

S. W. REESE & CO., 160 FULTON ST., N. Y.

APPLE GRAFTS,
APPLE SEEDLINGS,
No. 1 branched and Straight Roots
Honey Locusts and Russian
Mulberry Seedlings.

DWARF JUNEBERRY TRANSPLANTS,

J. A. GAGE,
FAIRBURY, NEB.

Apple Seedlings For Sale.

NEBRASKA GROWN. IMMEDIATE SHIPMENT.

200,000 No. 1 Straight, 3-16th and all up.

300,000 No. 2 Straight, 2-16ths to 3-16ths.

40,000 No. 1 Branched, $\frac{1}{4}$ inch and up.

100,000 No. 1 Branched, 3-16ths to $\frac{1}{4}$ inch.

200,000 No. 3 Straight and Branched.

Also a large line of general Nursery Stock, including Apple, Cherry, Pear, Plum, Small Fruits, Ornamentals, etc.

We want 500,000 Apple Scions. Give list of varieties and price.

Address

D. S. LAKE,
SHENANDOAH, IOWA.

APPLE SEEDLINGS.

We make a specialty of growing Apple Seedlings, and for thriftiness, high grade and careful handling our stock cannot be excelled.

Prices cheerfully given upon application.

F. W. WATSON & CO.,

TOPEKA, KAN.

(8812)

CAMPBELL'S EARLY Seeds Need Not Be Swallowed.

"First of all Grapes," says *Rural New-Yorker*. Scaled 96 points in possible 100. "Will ship round the world." Early or Late. Insist on our Seals and get what you buy. Largest stock of other Grape Vines, Small Fruits. Elegant Catalogue FREE.

GEORGE S. JOSSELYN, FREDONIA, NEW YORK.

Young and Thrifty Strawberry Plants.

150,000 Crescent and Warfield, per 1000 \$1.25; 100,000 Jessie, Lovett Early, Philip Seedling Bedderwood, Splendid, Bisel, Timbrell, per 1000 \$1.50. For cash or exchange for Pear, Apple and Cherry Trees at wholesale rates. Could not ship strawberry plants before March 15th.

Address

(8124)

E. VALLET,
Box 74, NAUVOO, ILL.

The Ottawa Star Nurseries, BREWER & STANNARD,

Offer for late Fall shipment, in car lots, if desired, Spring payment,
APPLE,

PEAR,

CHERRY,

APRICOT,

EUROPEAN PLUM,

FOREST SEEDLINGS.

and a general line of nursery stock. Write for prices.

Brewer & Stannard,
OTTAWA, KANSAS.

APPLE TREES. LEADING VARIETIES.

Two years, well graded healthy, vigorous. Extra large stock of *Strawberry Plants*. True to name. Extra quality. Health certificate. Send list for prices and oblige.

W. D. BEATIE,
ATLANTA, GA.

(896)

A Very Complete Assortment of Ornamentals and Roses.

Write for prices.

HIRAM T. JONES,

Union County Nurseries,
ELIZABETH, N. J.

Please favor us by mentioning this paper when writing to advertisers.



Large, perfect shape, vigorous, prolific, drought-resisting.
Best varieties **Strawberry Plants**; also **Asparagus Roots**, **Peach**, **Apple** and **Plum Trees**. Peaches grown from natural seed in section free from scale and yellows. Write for latest catalog—FREE.
HARRISON'S NURSERIES, Berlin, Md.

FITZGERALD PEACH

The finest quality yellow peach in existence; ripening with Crawford. A sure bearer. **Columbian White** and **Donald's Elmira Asparagus roots**; new productions of rare merit. Standard varieties of **Strawberry** plants. **Japan Plum**, **Miller Red Raspberry**. Over 1,000,000 peach trees. Catalog free, **HARRISON'S NURSERIES**, Berlin, Md.



OUR BUDED LIST OF PEACHES.

Amsden June, Alexander, Brandywine, Biley's October, Bernard's Early, Bray's R. Ripe, Crawford's Late, Crawford's Early, Conet's So. Early, Champion, Chair's Choice, Crosby, Connecticut, Chinese Cling, Eureka, Elberta, Early Rivers, Early Michigan, Fox Seedling, Foster, Fitzgerald, Ford's L. White, Geary's Hold-on, Greensboro, Gold Drop, Globe, Hill's Chili, Hale's Early, Kalamazoo, Lemon Free, Lewis Lorentz, Lery's Late, Moore's Favorite, McIntosh, Morris' White, Mt. Rose, New Prolific, Old Mixon Cling, Old Mixon Free, Prize, Reeves' Favorite, Stephen's Rare Ripe, Smock, Salway, Snow's Orange, Stump the World, Sneed, Triumph, Thurber, Trotter's Early, Wonderful, Wheatland, Wager, Willet, Walker's Variegated-Free, Wilkins' Cling, White Heath Cling, Waterloo.

PRICE OF PEACH TREES.

Grown from natural seed and on virgin soil.

Each 12 100 1000

First class, extra, 9-16 to $\frac{3}{4}$, 5 to 7 ft.	\$ 0 10	\$ 0 75	\$ 4 50	\$ 40 00
First class, $\frac{1}{2}$ to 9-16, 4 to 6 feet.	10	60	4 00	35 00
First class, $\frac{3}{4}$ to $\frac{1}{2}$, 3 to 4 feet.	6	40	3 00	25 00
First class, branched, 2 to 3 feet.	3	35	2 50	20 00
First class, whips, 1 to 2 feet.	3	25	2 00	15 00
June buds, 18 in. to $\frac{1}{2}$ feet	3	35	2 50	20 00
June buds, 8 in. to 15 in.	3	25	2 00	15 00

If June Buds are to go by mail add \$1 per
100; if dozen add 15c.

Special Price on Car Load Lots.

PRICE LIST FOR SPRING.

12, mail 100 Ex. 1000 Ex.
postpaid not p'd not p'd

Aroma	\$ 0 20	\$ 0 50	\$ 2 00
Bismarck (per)	20	50	1 75
Bubach (imp.)	20	40	1 50
Barton's Eclipse (per)	20	40	1 50
Bedar Wood (per)	20	40	1 25
Berlin (imp.)	20	40	1 25
Brunette (per)	20	40	1 25
Brandywine (per)	20	50	1 50
Carrie (new)	25	80	6 00
Clyde (per.)	20	50	2 50
Crescent (imp.)	20	30	1 00
Capt. Jack (per.)	20	20	1 00
Cobden Queen	20	60	4 00
Clarence	1 50	10 00	75 00

	12, mail postpaid	100 Ex. not p'd	1000 Ex. not p'd
Columbia	20	40	1 50
Cumberland	20	40	1 50
Cyclone	20	40	1 50
Darling (new)	50	2 50	15 00
Delaware	20	50	2 50
Dayton	20	40	1 00
Excelsior	50	1 50	6 00
Enormous (per)	20	40	2 00
Eleanor (per.)	20	40	1 00
Enhance (per.)	20	40	1 50
Evans	20	40	2 00
Giant	20	60	4 00
Gardner	20	40	2 00
Gandy	20	40	1 50
Gandy Belle	20	40	1 50
Greenville	20	40	1 50
Glen Mary	20	50	1 50
H. & H	20	50	1 50
Haverland	20	40	1 25
Hoffman	20	30	1 00
Holland	20	40	2 00
Hershey	50	1 50	10 00
Howell's Seedling	1 00	3 00	20 00
Hunn	20	60	4 00
Imp. Parker Earle (per)	20	50	2 50
Jessie (per.)	20	50	2 00
Kansas Prolific	25	40	1 50
Lady Thompson (per.)	20	40	1 25
Lovett	20	40	1 25
Marshall (per.)	20	50	3 00
Magoons	20	50	2 00
Margaret (per.)	20	50	3 00
Mitchel's Early (per.)	20	30	1 00
Morgan's Favorite (per.)	20	50	2 00
Meek's Early (per.)	20	30	1 25
Nick Ohmer	50	1 25	8 00
Ocean City	20	50	2 00
Pride of Cumberland	20	40	1 50
Paris King	20	50	2 00
Ruby (per.)	20	50	2 00
Reid's Prolific	20	50	2 50
Ridgeway	20	50	2 00
Rio (per.)	20	40	1 50
Seaford, or Lloyd	20	50	2 00
Star (per.)	20	50	3 00
Splendid (imp.)	20	40	1 50
Saunders (per.)	20	40	1 50
Sharpless (per.)	20	40	1 50
Sunyside (imp.)	20	50	2 00
Staples	20	50	2 00
Tennessee Prolific (per.)	20	40	1 10
Up-to-Date	25	80	5 00
Young's Early Sunrise	20	40	1 25
Wm. Belt (per.)	20	40	1 50
Warfield (imp.)	20	30	1 00
Wilson (per.)	20	40	2 00
Woolverton (per.)	20	40	1 50

Plants tied 25 in bunch and packed light.

Send List of Wants For Apple, Pear, Asparagus Roots, at once.

J. G. HARRISON & SONS,
Berlin, Maryland.

Please favor us by mentioning this paper when writing to advertisers.

Heikes-Huntsville-Trees.

BULLETIN NO. 7.

SURPLUS STOCK

—FROM—

The Huntsville Wholesale Nurseries

HUNTSVILLE, ALABAMA.

Shipments from St. Louis, Chicago, Omaha and Philadelphia

...AT...

ONE DAY'S NOTICE

WE have for the past nineteen years offered in assorted lots, at St. Louis, in spring, such stock as we had in surplus. Herein is a schedule of what we now have in St. Louis, Chicago and Omaha for immediate shipment. The stock is exclusively of our own growing at Huntsville, Alabama, fresh dug this spring, and packed in the best manner in moss, and warranted in fine condition. Everything is fine of the grade, with full fibrous roots, and not culled, as we adhere to a strict system of grading.

BELOW THE BLIZZARD LINE.

Our nurseries are far enough south to escape the severe freezing weather. Everything is bright, green and fresh—sound to the tips. Nearly all the sorts offered are standard sorts, such as most nurserymen can use in assortment with their own growing. Orders should be sent in as soon as possible, but the stock need not be shipped until wanted, as we are prepared to hold it in good condition. We have nothing for sale not offered on this list.

It will be noticed by some of our correspondents that we have refused orders the past season for several articles listed. Our fear of overselling and some countermands account for this. We ask attention to the small-sized trees offered for transplanting into nursery rows. All of the small trees, as well as the large ones, are very nicely rooted, and everything is young, smooth and bright.

We can refer to nurserymen who have bought of us in nearly every State and Territory. We can give satisfaction, and guarantee it for these shipments.

Terms.—Cash with order, or 30 to 60 days from date of shipment to responsible prompt-paying parties. In box lots the price of boxes is included, but the price of boxes on orders filled from the Nurseries is extra. The cost of drayage will be charged in both cases.

For convenience in telegraphing, a cipher is given. The cipher word stands for one box only in cases where there are more than one in the same assortment.

Address,

W. F. HEIKES, Manager,

1308-1310 UNITY BUILDING,

CHICAGO, ILLINOIS.

CHICAGO, ILL., April 17th, 1899.

For further conditions concerning risk of transportation, claims, etc., see Huntsville Wholesale Nurseries' pages in THE PRACTICAL NURSERYMAN.

CHICAGO, ILL.

All correspondence should be addressed to 1308-1310 Unity Building Chicago, Ill. Our Huntsville office will remain at Huntsville as heretofore, but will be closed until the packing season opens, October 1st. In the meantime all correspondence should be addressed to our Chicago office. Mr. Heikes expects to be at Huntsville during the packing season, and will give the same careful attention to business there as in the past.

Chicago, St. Louis, Omaha and Philadelphia.

The following lists show what we offer from our several distributing points. We offer our surplus stock this year in Box Lots only, except for Roses. We will break boxes in Roses and supply the assortment desired, not less than 10 of a variety. All Roses are tied in bunches of 10, and we are not prepared to rehandle them in less numbers.

The prices quoted on Box Lots include the cost of boxes and the freight from Huntsville to our several distributing points--the drayage charges at these points are to be paid by the purchasers.

PERFECT DORMANT CONDITION.

Our stock is all in perfect dormant condition, and we are prepared to keep it so until the end of the season, as everything is now in cold storage.

In ordering one or more boxes of certain varieties, state what substitution will be allowed should we be sold out of lots or sorts desired. When the postoffice address and the railroad station differ, always give explicit directions for shipping with each order.

THE GREAT BLIZZARD.

Our nurseries at Huntsville escaped injury from the great blizzard, before which all merchantable stock had been dug and placed in cellars preparatory to packing and shipping. Everything we offer this spring is perfectly sound and free from injury from frost.

Box Lots in Cold Storage in Chicago.

JAPAN PLUMS—ONE YEAR—ON PLUM.

Telegraph
Cipher. Price
Per Box.

11 Boxes, each containing 260 Burbank, $\frac{3}{4}$ to 1 inch, 5 to 7 feet.....	Famous	\$19 40
3 Boxes, each containing 200 Plums, $\frac{3}{4}$ to 1 inch, 5 to 6 feet.....	Filbert	15 50
80 Abundance 50 Burbank 70 Red June		
1 Box containing 194 Plums, $\frac{3}{4}$ to 1 inch, 5 to 6 feet.....	Fillip	14 60
24 Ogon 170 Normand		
6 Boxes, each containing 200 Kerr, $\frac{3}{4}$ to 1 inch, 5 to 6 feet.....	Filly	15 50
1 Box containing 179 Plums, $\frac{3}{4}$ to 1 inch, 5 to 6 feet.....	Filmy	13 65
90 Kerr 89 Abundance		
1 Box, containing 320 Abundance, $\frac{3}{4}$ to 11-16, 4 to 6 feet.....	Finely	20 45
6 Boxes, each containing 350 Red June, $\frac{3}{4}$ to 11-16, 4 to 6 feet.....	Finger	21 25
1 Box containing 310 Kerr, $\frac{3}{4}$ to 11-16, 4 to 6 feet.....	Finite	19 05
1 Box containing 330 Kerr, $\frac{3}{4}$ to 11-16, 4 to 6 feet.....	Finless	20 15
2 Boxes, each containing 300 Kerr, 11-16 to $\frac{3}{4}$, 5 to 6 feet.....	Fireman	20 00
1 Box containing 285 Kerr, 11-16 to $\frac{3}{4}$, 5 to 6 feet.....	Fireside	19 10
3 Boxes, each containing 200 Willard, $\frac{3}{4}$ to 1 inch, 5 to 6 feet.....	Firkin	15 00
1 Box containing 255 Plums.....	Firmly	19 75
135 Willard, $\frac{3}{4}$ to 1 inch 150 Willard, 11-16 to $\frac{3}{4}$		
2 Boxes, each containing 170 Willard, 11-16 to $\frac{3}{4}$, 5 to 6 feet.....	Firmness	12 20

QUINCES—TWO YEARS—WELL BRANCHED.

1 Box containing 200 Meech, $\frac{3}{4}$ to $\frac{3}{4}$, 4 to 5 feet.....	Wabash	10 00
2 Boxes, each containing 200 Meech, $\frac{3}{4}$ to 1 inch, 4 to 5 feet.....	Welcome	11 00
1 Box containing 200, 4 to 5 feet.....	Waddle	11 00
110 Meech, $\frac{3}{4}$ to 1 inch. 90 Meech, $\frac{3}{4}$ to $\frac{3}{4}$.		

Roses in Cold Storage in Chicago.

ROSES, Own Roots.	Rosette.	Robust.	Rocket.
	No. 1	No. 1½	No. 2
	Per M \$75	Per M \$50	Per M \$35
Field Grown.	Per C 8	Per C 6	Per C 4
Very Fine.			

SPECIAL—The price on varieties marked thus * is 1½ cents each additional.

Hybrid Perpetuals.

Alfred Colombe, c. g.	730	80	...
Anna de Diesbach	520	...	...
Baronne Prevost	...	...	...
*Baroness Rothschild	...	...	...
Baron de Bonstettin	...	...	...
Clio	1180	230	...
*Coquette des Alpes, g.	840	380	...
Caroline de Sansal	250	1290	...
Coquette des Blanches	...	...	...
Count de Paris	20	...	...
Chas. Lefebre	...	...	...
Duke of C. nnaught	210	50	...
Duke of Wellington	...	...	...
Dr. John Welch	70	...	...
*Eugene Furst	...	...	...
Earl of Dufferin	...	...	...
Francois Levet	1120	990	...
Fisher Holmes	...	...	...
Gen. Jacqueminot	...	...	...
Gloire of Lyonnaise	1390	...	...
Gloire d'Exp. de Bruxelles	...	...	...
Her Majesty	...	...	...
John Hopper	430	...	...
Jules Margottin	1090	80	...
Lady Arthur Hill	170	...	...
La Reine	1300	410	...
La Rosiere	30	...	...
*Margaret Dickson	900	590	...
Mar. P. Wilder	...	180	...
Marie Baumann	80	...	...
Magna Charta	3630	...	...
Mad. Alf. Rougemont	40	...	...
Mad. Victor Verdier	...	120	...
Mrs. Joseph Dubois	380	...	...
Mad. Gab. Luizet	530	550	...
Marq. of Lorne	...	...	...
Mrs. John Laing	...	...	...
Mad. Chas. Wood	...	...	...
Oscar R. de Suede	10	...	...
Prince Camille de Rohan	...	...	...
Paul Neyron	3135	270	...
Pierre Notting	...	...	...
Silver Queen	...	...	...
Ulrich Bruner	...	840	...
Vicks Caprice	990	70	...
Victor Hugo	10	...	...
Cl. Victor Verdier	250	140	...
Cl. Jules Margottin	130	150	...

Teas and Noisettes.

Duchess de Brabant	...	...	...
Etoile de Lyon	...	...	...
*Marie Van Houtte, g.	100	...	...
Mad. Alfred Carriere	110	120	...
Lamarque (Cl.)	410	...	...
Lauretta Messing	120	...	...
Safrano, c. g.	...	...	...
Solfaterre	110	...	...

Climbing Teas & Noisettes.

Marechal Niel, c. g.	580	...	...
Reine M. Henriette, g.	...	...	...
Wm. Allen Richardson	...	...	...

Bourbons Hybrid Teas.

Caroline Testout	...	...	...
Capt. Christy	...	...	...
Chestnut Hybrid	160	...	...

Polyantha.

Paquerette	...	...	...
Clothilde Soupert	...	...	...

DORMANT

Field-Grown Roses,

OWN ROOTS.

Roses Are Now All in Chicago.

We will pack orders for Roses in such numbers as may be desired, not less than 10 of a variety of the same grade. These plants are now tied in bunches of ten, and we have no facilities for rehandling in smaller numbers.

These Roses are nearly all on their own roots, grown from cuttings by Heikes-Biloxi Nurseries Company, Biloxi, Miss. They are in fine dormant condition, and we are prepared to hold them in good order until May 10th, if desired.

The No. 1 plants made a growth of two to four feet, and have three or more branches, cut back to 24 to 30 inches. They are handsome in tops and roots, and cannot fail to give satisfaction.

Packing.—All will be packed in moss in the best manner. The price of boxes and bales is to be added to quotations. We deliver to transfer companies, and the cost of drayage will follow as advanced charges, or be added to the bill.

We make a grade of Roses called No. 1½. This grade will be made up of plants just under No. 1 such as do not have the required number of branches, or slightly under weight and height.

No. 2 PLANTS OF ABOVE VARIETIES FOR TRANSPLANTING AT ONE-HALF THE PRICE OF NO. 1. The tops of No. 2 plants will be cut back to 2 or 3 inches, as they are only intended for transplanting. No. 2 grade all sold.

GRAFTS.—A few varieties marked g. are grafts. When marked c. g. they are both grafts and own roots.

MARECHAL NEIL—Our No. 1 plants of Marechal Neil are very fine shaped plants, 3 to 4 feet high. They are made from grafts, which produce plants of much better style than those grown from buds.

Roses in Cold Storage in Chicago.—Continued.

ROSES, Own Roots.	Rosette.		Robust.		Rocket.	
	No. 1.		No. 1½.		No. 2.	
	Per M	\$75	Per M	\$50	Per M	\$35
Field Grown.	8		Per C	6	Per C	4
Very Fine.						

SPECIAL—The price on varieties marked thus * is 1½ each additional.

Mosses.

Comtesse de Murinais	....	....	....
Capt. John Ingram	....	....	....
Henry Martin	....	....	....
Princess Adelaide	260	....	....
Salet	....	....	....

Miscellaneous.

Crimson Rambler	....	....	....
Yellow Rambler	4800	1500	....
Pink Rambler (Dawson)	390	....	....
Empress of China	....	....	....
Mad. George Bruant	230	....	....
Dawson	150	....	....
Wichuriana	....	....	....

Hardy Common.	Per M	\$35	Per M	\$25	Per M	\$17 50
	Per C	4	Per C	3	Per C	2 00
Gem of the Prairies	1070	....	....	....	....	....
Baltimore Belle	9410	5500	....	....	....	....
Queen of the Prairies	5500	* 630	....	....	....	....
Seven Sisters	....	....	....	....	....	....
Madame Plantier	3040	2100	....	....	....	....

SPECIAL PRICES. Yellow Rambler No. 1 in orders of 100 and over \$5.00 per 100; No 1½ \$4.00 per 100; less than 100, one cent additional.

Where no numbers appear after a variety it indicates it is all sold.

Box Lots in Cold Storage in Philadelphia.

JAPAN PLUMS—ONE YEAR—ON MARIANNA.

		Telegraph Cipher.	Price Per Box.
2 Boxes, each containing 200 Plums, ¾ to 1 inch, 5 to 6 feet	....	Fidget	\$15 50
70 Abundance	70 Burbank	60 Red June	....
1 Box containing 172 Pears, 2 years	112 Le Conte, ¾ to 1 inch	60 Le Conte, 11-16 to ¾	Figure 14 60

Box Lots in Cold Storage in Omaha.

CHICKASAW PLUMS—ONE YEAR—ON MARIANNA.

2 Boxes, each containing 160 Pottawattomie, ¾ to 11-16, 4 to 6 feet	....	Flannel	10 80
1 Box containing 160 Plums, 50 Pottawattomie, 9-16 to ¾	110 Pottawattomie, ¾ to 11-16	Flaring	10 30
1 Box, each containing 160 Plums, 100 Wild Goose, ¾ to 11-16	60 Pottawattomie, 9-16 to ¾	Flatness	10 20

Box Lots in Cold Storage in St. Louis.

See Chicago address, to which all communications should be sent. A letter goes through from Chicago to St. Louis in one night. When time is urgent, we telegraph orders to St. Louis.

JAPAN PLUMS—ONE YEAR—ON MARIANNA.

3 Boxes, each containing 280 Burbank, ¾ to 1 inch, 5 to 7 feet	....	Fallow	20 00
6 Boxes, each containing 460 Plums, 9-16 to ¾, 4 to 5 feet	....	Feature	22 70
150 Abundance	100 Red June	100 Wickson	60 Ogon
50 Kerr			

BOX LOTS IN ST. LOUIS—Continued.

Telegraph Price
Cipher. Per Box

JAPAN PLUMS—ONE YEAR.

1 Box containing 460 Plums, 9-16 to $\frac{3}{4}$, 4 feet to 5.....	<i>Feather</i>	\$22 70
210 Abundance 50 Kerr 100 Red June 100 Wickson		
1 Box containing 300 Abundance, 9-16 to $\frac{3}{4}$	<i>Feeding</i>	15 50
2 Boxes, each containing 250 Abundance, 9-16 to $\frac{3}{4}$	<i>Feline</i>	12 75
7 Boxes, each containing 250 Red June, 9-16 to $\frac{3}{4}$, 4 to 5 feet.....	<i>Felon</i>	12 75
1 Box containing 250 Plums, 9-16 to $\frac{3}{4}$, 4 to 5 feet.....	<i>Fencing</i>	12 75
40 Red June 210 Wickson		
2 Boxes, each containing 250 Wickson, 9-16 to $\frac{3}{4}$, 4 to 5 feet.....	<i>Fennel</i>	12 75
1 Box containing 210 Wickson, 9-16 to $\frac{3}{4}$, 4 to 5 feet.....	<i>Fenny</i>	10 95
1 Box containing 250 Wickson, $\frac{1}{2}$ to 9-16, 3 $\frac{1}{2}$ to 4 $\frac{1}{2}$ feet.....	<i>Ferrule</i>	10 25
1 box containing 620 Plums, 9-16 to $\frac{3}{4}$, 4 to 5 feet.....	<i>Ferry</i>	29 90
500 Wickson, 30 Kerr 90 Ogon		
3 Boxes, each containing, 160 Red June, 11-16 to $\frac{3}{4}$, 4 to 6 feet.....	<i>Firstling</i>	10 60
1 Box containing 200 Satsuma, two years, $\frac{3}{4}$ to 11-16, 5 to 6 feet.....	<i>Flicker</i>	12 00

CHICKASAW PLUMS—ONE YEAR—ON MARIANNA.

2 Boxes each containing 280 Pottawatomies, 7-16 to $\frac{1}{2}$, 4 to 5 feet.....	<i>Fibers</i>	9 90
1 Box containing 220 Plums, $\frac{1}{2}$ to 9-16, 4 to 5 feet.....	<i>Fibril</i>	9 20
30 Pools Pride 80 Sophie 110 Pottawatomie		
1 Box containing 220 Wild Goose, $\frac{1}{2}$ to 9-16, 4 to 5 feet.....	<i>Fickle</i>	9 20
1 Box containing 270 Pottawatomie, $\frac{1}{2}$ to 9-16, 4 to 5 feet.....	<i>Fiddle</i>	10 00

QUINCES—TWO YEARS—WELL BRANCHED.

12 Boxes each containing 200 Meech, $\frac{1}{2}$ to $\frac{3}{4}$, 4 to 5 feet.....	<i>Wabble</i>	10 00
1 Box containing 200 Quinces.....	<i>Wadded</i>	10 00
150 Meech, $\frac{1}{2}$ to $\frac{3}{4}$ 50 Meech, 9-16 to $\frac{1}{2}$		
4 Boxes each containing 200 Meech, $\frac{1}{2}$ to inch, 4 to 5 feet.....	<i>Wadding</i>	11 00
1 Box containing 390 Meech, $\frac{1}{2}$ to 9-16, 3 to 4 feet.....	<i>Wager</i>	15 60
1 Box containing 410 Quinces.....	<i>Waggish</i>	12 30
210 Meech, 7-16 to $\frac{1}{2}$ 200 Meech, 3 to 4 feet		

QUINCES—ONE YEAR.

1 Box containing 440 Meech, one year, 4 to 5 feet.....	<i>Wagon</i>	15 40
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STANDARD PEARS—ON FRENCH ROOTS.

1 Box containing 1820 Keiffer Pears, 1 year, 2 to 3 feet.....	<i>Countermand</i>	81 90
1 Box containing 1180 Keiffer Pears, 1 year, 2 to 3 feet.....	<i>Counter</i>	53 10

MARIANNA STOCKS—ONE YEAR.

 Root and top pruned ready for planting.		
3 Boxes each containing 5000 Marianna Stocks, $\frac{1}{4}$ and up.....	<i>Madden</i>	20 75
1 Box containing 5000 Marianna Stocks.....	<i>Magic</i>	22 60
2100, $\frac{1}{4}$ and up 3400, 3-16 to $\frac{1}{2}$		
2 Boxes each containing 5000 Marianna Stocks, 3-16 to $\frac{1}{2}$	<i>Magnate</i>	20 75
1 Box containing 2500 Marianna Stocks, 3-16 to $\frac{1}{2}$	<i>Magpie</i>	10 50
1 Box containing 6000 Marianna Stocks, 2-16 to 3-16.....	<i>Mazzard</i>	17 50

DESCRIPTIONS.

SUDA CHERRY—This variety is like Wragg, but is claimed to be superior. It is a most remarkable bearer.

EARLY LAMAURIE—This is the earliest of all sweet cherries. Color, black.

KERR PLUM—One of the finest Japan plums. Clear golden yellow; size, large. A good substitute if short of yellow plums.

EVERBEARING PEACH—We insert in this issue a colored plate of this remarkable variety, made by the J. Horace McFarland Co., Harrisburg, Pa., from whom duplicates can be obtained. We can testify to the correctness of this representation of the everbearing qualities of this variety, as we have seen the fruit when ripe and in all stages of growth upon the same branch. We have a good stock of these trees for sale for the fall of 1899.

INSPECTION.

Our nurseries at Huntsville and Biloxi are free from injurious insects, and we have inspector's certificates to that effect.

TELEGRAPH CODE.

Use the Nurseryman's Telegraph Code in telegraphing. Anyone not in possession of a copy will be supplied upon application.

BULLETINS.

We will issue bulletins every five or six days showing what we have left for sale. If they are not received regularly, please inform us.

BARGAIN LOTS.

Write for the address of the growers of these lots to W. F. HEIKES, Manager, 1308-1310 Unity Building, Chicago, Ill.

Lot 4—60,000 Grape Vines. Maryland Moore's Early, one year, No. 1, at \$7 per M; 2 years, at \$11 per M.

Lot 9—Currants—Western Michigan. London Market, one year, No. 1, \$10 per M, \$2 per 100. Victoria, fine one-year tops on two and three year roots, one foot and up, \$8 per M, \$1.50 per 100. Packed in moss f. o. b. Samples free to intending buyers.

Lot 11—Strawberries—Central Arkansas. 1,000,000 Michel's Early, 25,000 Crescent, 150,000 Hoffman, 50,000 Tennessee Prolific, \$1.25 per M f. o. b. 100,000 Excelsior, \$6; Bush Cluster, the greatest improvement in all strawberries, \$6 per M. Limited supply of latter. Good condition guaranteed to destination.

Lot 13—Northern Mississippi. 500,000 Lady Thompson Strawberries. The only good berry found that will stand a long drouth. Plants are very fine. Price \$1 in lots of 10,000 or more f.o.b.

Lot 16—Eastern Pennsylvania—250 Altheas, 6 to 8 feet, \$12.50 per 100; 300 Exochorda Grandiflora, 4 feet bushy, \$7 per 100; 1,000 Duetzeas, assorted 5 to 6 feet, \$7 per 100; 1,000 Wisteria Sinensis Seedlings, 12 to 18 inches, \$22.50 per M; 500 Wisteria Magnifica, 18 to 24 inches, \$2.50 per 100.

Lot 19—Middle Arkansas. Strawberries. 25 years' experience. 500,000 Excelsior, new large, extra early, firm, high colored, \$6 per M; 500,—

000 Michel, 90 cents per M; 200,000 Creecent, \$1.25; 200,000 Clyde, \$2. Other varieties in proportion. F. o. b.

Lot 20—Central Illinois—25,000 Pecans, 1 year, \$20 per M; 5,000 large Shell Bark Hickory, 1 year, \$20 per M; 8,000 Native Persimmons, 1 year, \$20 per M; 2,000 Sugar Maple, 4 to 8 feet, fine, \$10 per 100. Boxed and f. o. b.

Lot 21—Eastern Maryland—50,000 Lucretia Dewberry, No. 1 tips, lots of 5,000 and over, \$3.50 per M; less than 5,000, \$4 per M. Plants must be shipped before April 1st, 1899.

Lot 23—Northwestern Iowa—25,000 Russian Mulberry 18 to 24 inches, extra fine, \$2.50 per M; 25,000 Russian Mulberry, 10 to 18 inches, extra fine, \$1.75 per M; 10,000 Houghton Gooseberry, 1 year, No. 1, extra fine, \$10 per M; 10,000 Currants, 1 year, No. 1, extra fine, \$10 per M. Boxing extra.

Lot 28—Delaware—15,000 London Raspberry transplants, \$12.50 per M; 25,000 Eldorado Blackberry sucker plants, \$8 per M; 25,000 Logan Berry, field grown, \$25 per M; 5,000 Lucretia transplants, \$6 per M. Strawberry plants: Carrie, \$6 per M; Nick Ohmer, \$8 per M. Other varieties in proportion. Peach trees, \$10 to \$35 per M.

Lot 29—Central Illinois—Choice lot of Downing Gooseberries, cheap to close out, as ground must be cleared this Spring. 8,000 strong 2 years in 500 to 1,000 lots, \$10 per M. 25,000 1 year old, well rooted, at \$5 per M., f. o. b.

We invite correspondence from those having specialties or a surplus, which they want to sell quickly at low prices.

COMMERCIAL VALUE OF JAPAN PLUMS.

HARDINESS COMPARED WITH PEACHES.

THEY STAND THE COLD.—I am growing these plums in orchards quite extensively in Connecticut and in Georgia, and am convinced that many of the varieties have points of merit that will make them permanently valuable orchard fruits in these two sections, but in the central Atlantic States, say from south of Philadelphia to South Carolina, they bloom so early that they are often liable to be caught by spring frosts. At the North they will stand a great deal more freezing than peaches. I think it is safe to plant them anywhere where the mercury does not go much below 25 degrees below zero. In my orchards in Connecticut at this time, peach buds, even on the most hardy varieties, are all killed, and while the plum buds are hurt somewhat, there are more than enough left for abundant crops; probably very severe thinning will have to be resorted to to secure full size fruit.

IN THE SOUTH.—In Georgia, the middle of February, after weeks of warm weather, many of the plums coming out in bloom and peach trees just showing the pink, peach buds were entirely killed and trees badly injured, yet enough buds were left alive on some of the varieties of Japan plums so that there will be quite a little crop of fruit. For two or three years, varieties like Red June, Abundance and Burbank have been shipped to the northern markets from Georgia, and sold on an average 25 per cent higher than peaches, with an increasing demand each year for the fruit. In New England, they have been marketed for the last three years to a considerable extent, have sold 50 per cent higher than peaches in the same markets, and the demand has always been ahead of the supply. They have thick, tough skins, and are not seriously injured by the curculio. Trees will thrive on very light, thin soil, or on that quite heavy and moist. The quality of the fruit is good, and they can be kept in the market from one to two weeks after being picked from the tree in fair eating condition.

THE BEST SORTS.—Red June, Abundance and Burbank are the most satisfactory of the well-tested varieties. Satsuma needs more maturity of tree before coming into full bearing, for while the first three named will fruit freely two or three years after planting, Satsuma requires about five. Of the newer sorts, Wickson is the largest and most attractive in appearance, while the Hale is best in quality of all the Japans; but these two varieties and the Satsuma are extra early bloomers, and on this account, more liable to be caught by late frosts in spring than some of the others. Of other well-tested sorts, Willard and Berckmans should be rejected as far too poor in quality to be worthy of propagation. Ogon and Normand, both yellow varieties, are vigorous and productive trees, but not very high in quality. Chabot, sometimes known as "Yellow Japan," "Chase," etc., is a late ripening plum of fine appearance and good quality. The Gold is a small, weak-growing tree, with fruit somewhat like the Ogon, only not so good in quality.

Many new varieties are being tested; probably some of them will prove of greater value than those we already have, and an orchardist will not go astray in planting the best ones here mentioned. Every one who owns a family fruit garden in the central northern States makes a big mistake if he does not have a good number of these trees on his grounds, for the best of the Japan plums can be grown almost as cheaply and abundantly as the most common apples.

J. H. HALE, in *Rural New Yorker*.

SPRAYING AND SPRAY MIXTURE.

BORDEAUX MIXTURE.

USE GOOD LIME.—In the first place, one should be sure to get the purest white lime. This is a limestone country, and our best lime can be bought for about 15 cents per bushel, but I would rather pay \$1 a bushel for the best Norwalk white lime than take this as a gift. The Norwalk lime, if properly used, will be almost as constant in solution as milk. It is also necessary to get the lime fresh and unslaked, and I find that, if slaked in boiling water, plenty of it, and well stirred while slaking, it will be much finer, and stay in suspension very much longer. I also find that if the lime and copper sulphate are put together when strong, they form a curdly mass which can never be reduced so as to work satisfactorily.

A STOCK SOLUTION.—When spraying, I make a stock solution of copper sulphate, one or two pounds to the gallon. I then slake the lime in a barrel so as to have it of the consistency of thick cream; this should be kept covered so as to keep it perfectly clean. Now, instead of putting these stock solutions together in the proper proportions in the spray tank, and adding water, better fill the tank half or more full of water, and dip the needed amount of sulphate solution into this, stirring well before the lime is added. Then add plenty of water to the lime solution, and stir until like thin milk. If let stand an instant, the heavy particles will subside, and the thin lime milk can be dipped into the tank of dilute solution; if well stirred, it will not settle in a long time.

By constantly adding more water to the lime solution, it can be nearly all dipped off, and nothing taken that will in the least obstruct the nozzle. When the operator thinks he has lime enough, and the mixture is well stirred, it should be tested with the ferrocyanide of potassium test, and lime added so long as it shows any color. [This test is made by adding a few drops of a 20-per-cent solution ferrocyanide of potassium. So long as dissolved copper exists in the mixture the addition of this chemical causes a reddish brown precipitate to appear. Lime should be added till no change takes place when the reagent is added.—EDS.] It is well to add a gallon or two of milk of lime beyond what is necessary to neutralize the sulphate; especially should this be done if Paris-green is used with the mixture.

THE ARSENIC POISONS.—I prefer Paris-green to London-purple, because it is more uniform in strength, but I like the arsenite of lead better than either. It costs no more, will stay in suspension better, and is fully as destructive to insects; then there is no danger of injuring the foliage by using it. To make this mixture, dissolve 11 ounces acetate of lead (common sugar of lead) in four quarts of water, also dissolve four ounces of arsenate of soda in two quarts of water, using wooden, glass or stone wear to hold these solutions. When dissolved, pour them, one at a time, into 40 or more gallons of water, and add enough to make 100 or 150 gallons, according to the purpose for which it is to be used. If for canker worms, not more than 100 should be used. The same strength is right for potatoes.

J. S. WOODWARD, in *Rural New Yorker*.

THE HUNTSVILLE WHOLESALE NURSERIES PRICE LIST.

Terms and Conditions Governing Quotations in the Price List of the Huntsville Wholesale Nurseries.

RATES.—As we send this list to the trade only, we make the difference in prices between the 10, 100 and 1000 rates very slight—simply sufficient, as a rule, to cover the difference in the expense of handling in the smaller numbers. We uniformly tie in bunches of 10, when consistent with the order, and we suggest to our customers to make their orders for varieties in multiples of 10 as far as practicable. Orders for 50 and not over 300 trees, if for not less than 10 of a variety, will be charged at the rate per hundred, orders requiring 300 trees or more, and not less than 10 of a variety, will be filed at the lowest quoted prices. Orders for less than 10 trees of one variety, will be charged at the rate per ten.

SEASON.—Our packing and shipping season begins by the 20th of September, and continues until about the first of March.

We have great advantages to offer here in early shipments for the North in Spring. We do not accept orders for trees we do not grow, as we never buy trees to sell again. You can depend upon us for fresh dug trees. Each order is taken up separately, and not until it is wanted for shipment.

SHIPPING DIRECTIONS.—We respectfully beg our patrons to furnish us with explicit *directions as to shipping*, and the mode of conveyance, by which they desire trees forwarded. When no particular directions are given, we forward according to the best of our judgment. *But in no case do we assume any responsibility as to safe delivery and condition of Trees and Plants* after a proper shipment by us.

RELEASE.—When prepayment of freight is not required, we will Release and Guarantee, and take forwarder's receipt and mail to consignee. It is left to the option of the shipper of trees over some railroads, whether he will release them or not under the clause "Value less than \$5.00 per 100 lbs." If released under this clause, the freight is less on roads governed by this classification, and we will assume it to be proper to make this release, without reference to the value of the trees, unless instructed to the contrary. This clause does not apply upon roads under some of the district classifications, and because of this confusion we will not be held responsible for any oversight to release, unless instructed by our customers. Claims for delay or loss must be made to the forwarders.

PACKAGES.—The cost of package must be added to the prices quoted in this list, as follows: Boxes 30 inches square, from 7½ to 9 feet long, as the trees may require, each \$2.50; boxes 24 inches, \$2.00; boxes 18 inches, \$1.50; bales from 25c. to 75c. each.

PACKING.—Goods will be packed in moss, and especial care taken to insure their arrival in the best condition.

ASSORTMENTS.—We do not require customers to take an assortment they do not wish, but will sell one variety alone if desired. If any substitution can be allowed, either in grade or variety, it should be so stated when making the order. As a rule we do not substitute without permission.

CAUTION.—We accept all orders upon the condition that they shall be void, should any injury befall the trees from frost, hail, storm, fire, or other causes over which we have no control.

TERMS.—Cash. When desired, we will allow 30 to 60 days from date of shipment to responsible,

prompt-paying customers. Parties with whom we have had no business transactions, will save time by sending reference, with order. We wish it expressly understood that payment is expected from the first collections made, and the time named is only intended as so many days of grace in which to make returns. To northern customers, who wish to lay in stock for Spring trade, we will ship late in Fall or early in Spring, and allow time for payment till May 15th. If shipment is required in the Fall for Spring use, a note is to be given upon receipt of the trees. We do not allow any discount for cash, but we make our prices low to command cash, or prompt returns. In orders when the time is not mentioned, 30 days is to be understood. Interest at the rate of 8 per cent per annum must be paid on over due accounts. Should prices be changed, either higher or lower, during the season, the prices ruling at the time the order is made, are expected to stand.

FORMS OF PAYMENT.—All bills are payable at the office of the seller, and remittances should be made by drafts on New York, Chicago or St. Louis, or by money orders on some Express Company, or by postal orders. We will, however, accept checks from those of our customers who may be located at places having no banking, express or postal facilities, provided they make them in every case payable "with exchange", or add 1/4 of one cent, to the amount of the bill for the cost of collection.

GRADES.—We grade very carefully, in some cases by caliper, in others by height. When graded by both caliper and height, the caliper must govern, as the height then named is only to be considered approximately. When graded by height or caliper, we include the lower number and exclude the higher. Instance: in a grade of 4 to 5 feet trees, the 4 feet trees are included, but not the 5 feet trees. If 5 feet trees are wanted, the 5 to 6 feet grade must be ordered.

GUARANTEE OF GENUINENESS.—While we exercise the greatest diligence and care to have all our Trees, etc., true to label, and hold ourselves in readiness, on proper proof, to replace all trees, etc., that may prove untrue to label, free of charge, or refund the amount paid, it is mutually understood and agreed to, between the purchaser and ourselves, that our guarantee of genuineness shall in no case make us liable for any sum greater than that originally received for said trees, etc., that shall prove untrue.

ACCEPTANCE.—Notice should be sent us by telegraph, at our expense, if there is any cause of complaint, or should the trees be refused, stating reasons. Claims for deduction, from whatever cause, will receive consideration only when made promptly upon the receipt of the trees. If trees show any signs of shrivelling upon arrival, they can usually be restored by being thoroughly watered and buried entirely under the ground for two or three days. Should there be any frost in the trees upon arrival, they should not be removed from the box until the frost is all out. The box should be placed in the cellar or protected in some other way. The presence of frost in the boxes is not to be considered an evidence of bad condition, as we pack to secure the trees against damage, if the frost is allowed to come out in the natural way. Goods will be considered accepted if removed from the boxes in which they are packed, without notice of complaint to us and without our orders for their disposition.

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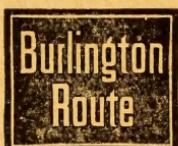
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